

Amendment to the Claims:

This listing of claims will replace all versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A system for exploiting power from a pressurized gas reservoir comprising:

means adapted for receiving naturally occurring gas [[at]] that is pressurized at a first pressure level from a ~~first portion of an associated gas reservoir system of naturally occurring gas;~~

means adapted for directing the naturally occurring pressurized gas to a turbine so as to induce motion thereof;

a generator, mechanically coupled to the turbine, the generator including means for generating an electrical current induced from motion of the turbine; and

means adapted for directing the naturally occurring gas from the turbine, after passage therethrough, to a predetermined location ~~second portion of the associated gas reservoir system~~ at a secondary pressure level, ~~less than that of the first associated gas reservoir; and~~

~~— means adapted for using at least a portion of the electrical current to drive an associated compressor, which compressor includes means for increasing the secondary pressure level.~~

2. (Currently Amended) The system for exploiting power from a pressurized gas reservoir of Claim 1, further comprising:

means adapted for directing gas at the secondary pressure level to an associated combustion generator so as to generate additional electrical current from combustion thereof; and

~~means adapted for directing the additional electrical current to the compressor so as to further increase the secondary pressure level.~~

3. (Canceled)

4. (Currently Amended) The system for exploiting power from a pressurized gas reservoir of Claim ~~[[3]]~~ 1 wherein the ~~first and second portions of the gas reservoir of naturally occurring gas system and the predetermined location~~ are in direct mutual ~~[[fluid]]~~ communication.

5. (Currently Amended) A method for exploiting power from a pressurized gas reservoir comprising the steps of:

receiving naturally occurring gas at that is pressurized at a first pressure level from a first portion of an ~~associated gas reservoir of naturally occurring gas system~~;

directing the naturally occurring pressurized gas to a turbine so as to induce motion thereof;

generating, at a generator mechanically coupled to the turbine, an electrical current induced from motion of the turbine; and

directing the naturally occurring gas from the turbine, after passage therethrough, to a predetermined location, ~~second portion of the associated gas reservoir system~~ at a secondary pressure level ~~less than that of the first associated gas reservoir~~; and

~~using at least a portion of the electrical current to drive an associated compressor, which compressor includes means for increasing the secondary pressure level.~~

6. (Currently Amended) The method for exploiting power from a pressurized gas reservoir of Claim 5, further comprising the steps of:

directing gas at the secondary pressure level to an associated combustion generator so as to generate additional electrical current from combustion thereof; ~~and~~

~~directing the additional electrical current to the compressor so as to further increase the secondary pressure level.~~

7. (Canceled)

8. (Currently Amended) The method for exploiting power from a pressurized gas reservoir of Claim ~~[[7]]~~ 5 wherein the ~~first and second portions of the gas reservoir of naturally~~

occurring gas system and the predetermined location are in direct mutual [[fluid]] communication.

9. (New) The system for exploiting power from a pressurized gas reservoir of Claim 1, further comprising means adapted for using at least a portion of the electrical current to drive an associated compressor, which compressor includes means for increasing the secondary pressure level.

10. (New) The system for exploiting power from a pressurized gas reservoir of Claim 1, wherein the predetermined location is a second reservoir.

11. (New) The system for exploiting power from a pressurized gas reservoir of Claim 1, wherein the predetermined location is a secondary recovery site.

12. (New) The system exploiting power from a pressurized gas reservoir of Claim 1, wherein the means for directing the naturally occurring gas from the turbine, after passage therethrough, to a predetermined location comprises:

means adapted for separating at least one of nitrogen and carbon dioxide from the naturally occurring pressurized gas;

means adapted for directing the separated at least one of nitrogen and carbon dioxide to a first transmission line; and

means adapted for directing the naturally occurring pressurized gas to a second transmission line.

13. (New) The method for exploiting power from a pressurized gas reservoir of Claim 5, further comprising for using at least a portion of the electrical current to drive an associated compressor, which compressor includes means for increasing the secondary pressure level.

14. (New) The method for exploiting power from a pressurized gas reservoir of Claim 5, wherein the predetermined location is a second reservoir.

15. (New) The method for exploiting power from a pressurized gas reservoir of Claim 5, wherein the predetermined location is a secondary recovery site.

16. (New) The method for exploiting power from a pressurized gas reservoir of Claim 5, wherein the means for directing the naturally occurring gas from the turbine, after passage therethrough, to a predetermined location comprises:

means adapted for separating at least one of nitrogen and carbon dioxide from the naturally occurring pressurized gas;

means adapted for directing the at least one of separated nitrogen and carbon dioxide to a first transmission line; and

means adapted for directing the naturally occurring pressurized gas to a second transmission line.